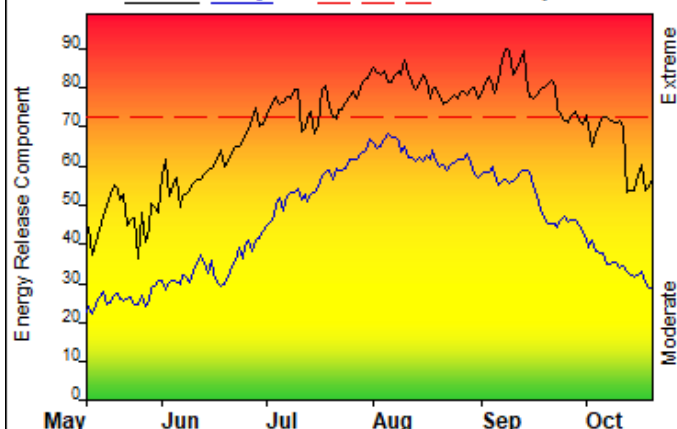


FIRE DANGER -- North Idaho-South Mountains

Maximum, Average, and 90th Percentile, based on 15 years data



Fire Danger Area:

- ◆ CDC-South Mountains
- ◆ North/Central ID Panhandle
- ◆ South Mountains SIG
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

- EXTREME** -- Use extreme caution
- High** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by 3 day period for 2005 - 2019

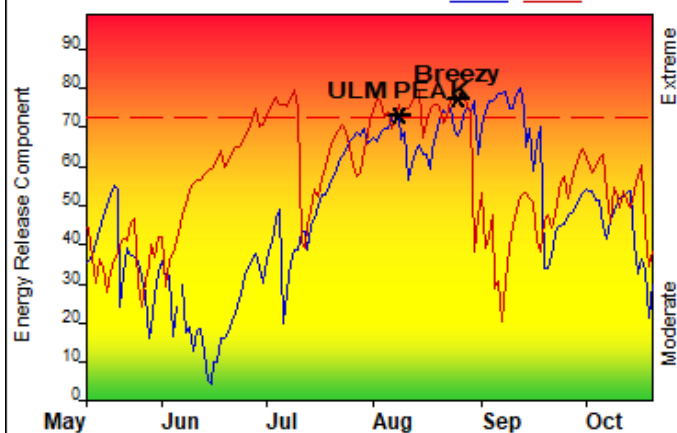
Average -- shows peak fire season over 15 years (2459 observations)

90th Percentile -- 10% of the 2459 days from 2005 - 2019 had an Energy Release Component above 72

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 15 mph, RH less than 20%,
 Temperature over 80, 1000-Hour Fuel Moisture less than 15

Years to Remember: 2006 2015



Fuel Model: Y - Timber (2016)

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

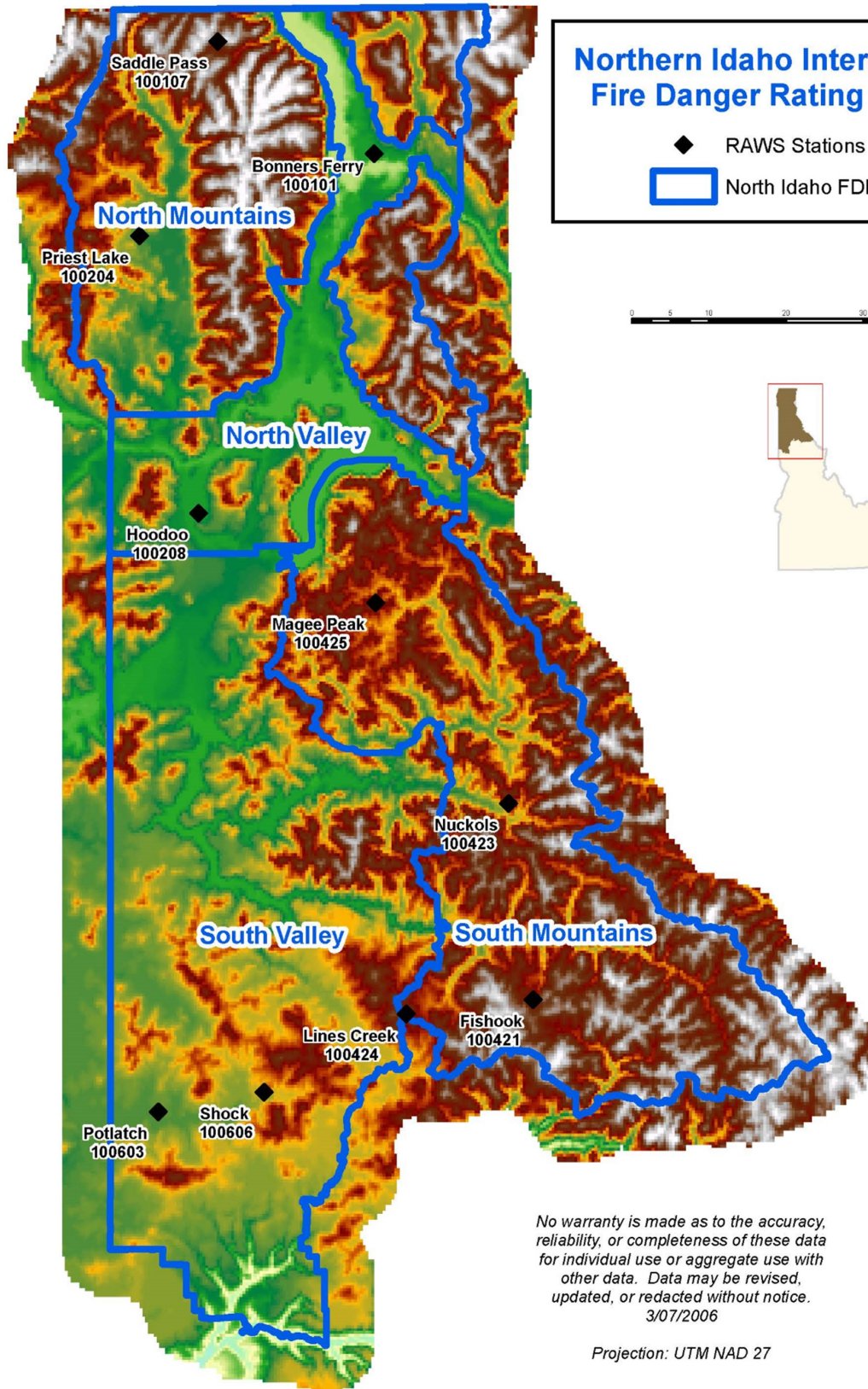
Past Experience:

- Temps above 85 and single digit RH's caused the Breezy Fire to go from single tree torching to 200 acres in 1 hour in Beargrass and Subalpine fir.
- In 2006, temps above 85F, RH 12% along with high winds (19mph) led to notable events on the Ulm Peak fire which ultimately grew to 5000 acres through heavy fuels. Efforts were hindered by steep topography (>40%)
- Pay attention to passing dry cold fronts, thermal belts and low live fuel moistures that can increase fire activity

Responsible Agency: USFS, BLM, IDL, CDT

FF+5.0 build 20191211 06/17/2021-12:17 (C:\Users\ldm\ui\Document...Field Season 2021)

Design by NWCG Fire Danger Working Team



Northern Idaho Interagency Fire Danger Rating Areas

- ◆ RAWs Stations
- North Idaho FDRA

0 5 10 20 30 40 Miles



No warranty is made as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data. Data may be revised, updated, or redacted without notice. 3/07/2006

Projection: UTM NAD 27

